

REMARKS

Claims 4-12 are pending in the application. Claims 4-12 stand rejected. Claims 4-6 and 9 stand objected to. Claims 4, 5, 6, 8, and 9 have been amended. In view of the amendments to the claims and the remarks below, Applicant respectfully requests that the rejections and objections be withdrawn and the claims allowed.

The Office Action requires submission of at least one drawing. Accordingly, submitted herewith is Figure 1. The specification has been amended to refer to Figure 1. No new matter has been added.

The Office Action requires amendment of the abstract. Accordingly, the abstract has been amended to be less than 150 words.

The Office Action requires amendment of the title of the application. Accordingly, the title has been amended to more completely describe the invention.

Claims 4, 5, 6, and 9 stand objected to for informalities. Claims 4, 5, 6, and 9 have been amended to correct the informalities. Applicant respectfully requests the objections be withdrawn.

Applicant consents to the renumbering of claim 15 to claim 12. Claim 15 was originally numbered incorrectly.

Claim 6 stands rejected under 35 U.S.C. § 112, second paragraph. Specifically, claim 6 includes multiple sentences. Claim 6 has been amended to more completely recite the invention and to only include one sentence. Applicant respectfully requests the rejection be withdrawn.

Claim 8 stands rejected under 35 U.S.C. § 101 as claiming non-statutory subject matter. Claim 8 has been amended to recite that the “structures which move, exercise, irritate, or contact” include the nine flexor tendons next to the median nerve. Applicant respectfully requests the rejection be withdrawn.

Claims 4-12 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,692,435 to Choate ("the '435 patent"). The rejection is respectfully traversed.

Attached herewith is a declaration from the Applicant, stating that the Applicant is the sole inventor of both the '435 patent and the present application. Thus, the '435 patent is not "by another," as required under 35 U.S.C. § 102(e). Applicant respectfully requests the rejection be withdrawn.

In view of the above, Applicant believes the pending application is in condition for allowance.

Dated: April 12, 2007

Respectfully submitted,

By

John Choate

P.O. Box 9949

Arlington, VA 22219-1949

Figure 1- Method to Reduce Inflammation and Tactile Finger sensations Deficit due to Carpal Tunnel Syndrome FIG1.RTF

Initial	NCVS	coin L	coin R	key L	key R	Phelan L	Phelan R
JR	10/94	20 sec	12 sec	10 sec	7 sec	12 sec	30 sec
	1 Left	1 Right	2 Left	2 Right	3 Left	3 Right	4 Left 4 Right
2H20 ml	560	600	570	610	565	600	535 605
1H20 ml	555	565	560	615	555	600	570 600
Net2-l=	5	35	10	-5	0	0	15 5
Sum=65	65/8	=	8.1	SF 8			
8-net=	3	-27	-2	13	8	3	-7 3
2Tape cm	23.7	25.7	23.1	25.3	24.0	25.5	23.3 25.4
1tape cm	23.0	24.8	23.3	25.2	22.8	25.5	23.5 24.9
net2-l=	.7	.9	-2	.1	1.2	0	-2 -1.5
Sum=30	30/8	=	.375	SF .4			
.4-net=	-.3	-.5	.6	.3	-.8	.4	.6 -.1
2VAS cm	1.8	2.5	2.3	2.3	2.6	2.6	2.5 2.5
1VAS cm	2.3	3.3	2.4	2.4	2.2	2.2	2.2 3.3
net2-l=	-.5	-.8	-.1	-.1	.4	.4	.3 -.8
Sum=-1.2	-1.2/8	=	-.15	SF -.2			
-.2-net=	.3	.6	-.1	-.1	-.6	-.6	-.5 -1
2VRS #	3	2	3	2	2	2	3 3



Figure 1- Method to Reduce Inflammation and Tactile Finger sensations Deficit due to Carpal Tunnel Syndrome

1VRS #	2	3	2	2	2	2	2	3
net2-1=	1	-1	1	0	0	1	0	0
Sum=2	2/8	=	.25	SF .2				
.2-net=	-.8	1.2	-.8	.2	.2	-.8	.2	.2
2palm#	8	9	10	4	13	11	17	20
1palm#	19	6	10	13	13	15	11	14
net2-1=	-11	3	0	-9	0	-4	6	6
sum=-3	-9/8	=	-1.125	SF -1				
-1-net=	10	-4	-1	8	-1	3	-7	-7
Type Min	100	100	105	105	110	110	105	105
Sum=830	830/8	=	103.75	SF 104	mean			
Min-mean	-4	-4	1	1	6	5	1	1
Words	450		700		900		900	
sum=2950	2950/4	=	737.5	SF 740	mean			
words - mean	-290		-40		150		150	

s=seconds, #=number, VRS=VerbalRatingScale, VAS=VisualAnalogueScale, Tape cm=TapeMeasureCentimeter, ml=milleliter, Phe=phelan, Palm=PalmarSensoryEvaluation, L=lefthand, R=righthand.
Sum=Sum of differences; SF=significant Figures.

Comparisons and Comments:

Volume Measuring

H20 - sessions 1 and 3 had net change of -8, indicating enlargement. Sessions 2 and 4 had a net change of 7 indicating shrinkage in volume. This is consistent with the tape study.

Figure 1- Method to Reduce Inflammation and Tactile Finger sensations Deficit due to Carpal Tunnel Syndrome ^{FIG1.ETF}

Tape Measure forearm change of circumference in centimeters - Sessions 1 and 3 had net change of -1.6 indicating enlargement; while sessions 2 and 4 had net scores of 1.4 indicating net shrinkage.

In test subject JR, both volume tests (water displacement and tape measure) indicated there was more swelling of the forearm in sessions 1 and 3, than in sessions 2 and 4. The consistency between the tests indicates some reliability.

Pain Reporting

VAS (Visual Analogue Scale) - Sessions 1 and 3 had a net change of -.3, a negative number, indicating the patient felt more pain. Sessions 2 and 4 had a net change of -1.7, a negative number, indicating the patient felt more pain. As -1.7 is more negative than -.3, sessions 2 and 4 produced more change in pain than sessions 1 and 3.

VRS (Verbal Rating Scale) - Sessions 1 and 3 had net change of .4, a positive number, indicating the patient's pain level net change improved, i.e. the patient felt better after typing. While sessions 2 and 4 had net change of -.6 showing the pain level grew worse. Each are consistent and stable, indicating reliability.

Palm# - Sessions 1 and 3 had net change of 8, a positive number, indicating the patient's pain level net change improved, i.e. the patient had fewer sites to record pain so the patient felt better after typing. While sessions 2 and 4 had a net change of -7, a negative number, indicating the patient's pain level net change suffered, i.e. the patient had more sites to record pain so the patient felt worse after typing.

Production Report: Sessions 1 and 3 had the same number of minutes of typing as sessions 2 and 4. Sessions 1 and 3 had 250 fewer words produced than sessions 2 and 4.

Summary: In test subject JR, all 3 pain recording tests (VAS, VRS, Palm) indicated the change in pain was lower and actually decreased in sessions 1 and 3 as compared to the sessions in 2 and 4.



PAGE 1 OF 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Application of:
John Choate

Application No.: 10/780,476

Confirmation No.: 1542

Filed: February 16, 2004

Art Unit: 3736

For: METHOD TO REDUCE INFLAMMATION
AND TACTILE FINGER SENSATION
DEFICIT DUE TO CARPAL TUNNEL
SYNDROME OR ARTHRITIS

Examiner: J. Hoekstra

DECLARATION UNDER 37 C.F.R. § 1.132

I, John Choate, am the sole inventor of U.S. Patent No. 6,692,435 and U.S. Patent Application No. 10/780,476. I am the inventor of any invention disclosed but not claimed in the '435 patent.

12 APRIL 2007__

Dated

John Choate

Copyright Proprietary All rights reserved.